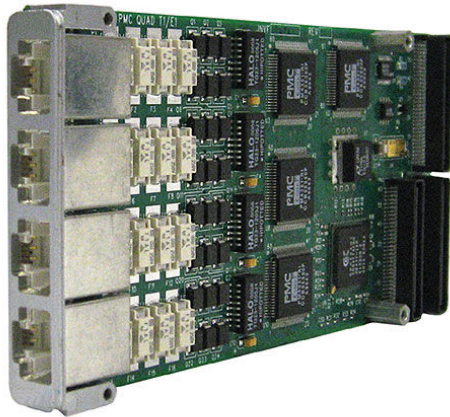


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# Multi-port T1/E1/J1 PMC

The OSS-wanPMC-CxT1E1 is a mezzanine module designed to the peripheral component interface (PCI) mezzanine card (PMC) specification (IEEE P1386.1/Draft 2.0). This design facilitates communication via four ports at T1/E1/J1 rates (1.544MHz, 2.048MHz, and 1.544MHz, respectively) with other types of systems. Channelized DS0 support is available for T1/E1 or J1. The OSS-wanPMC-CxT1E1 can use both SS7 or HDLC protocols.



- Single wide PMC form factor
- 128 channels (DS0)
- Supports D4, SF, ESF, SLC-96, and JT-6704 framing
- T1/E1/J1 interfaces

- Wide range of line build outs from DSX to DS1
- Selectable clock options including distributed central office clock
- Support for hyper channels and sub channels

- JTAG connectivity provided
- Linux, FreeBSD and NetBSD drivers are available
- Remote version query to identify serial number and hardware attributes
- Used in high-density SS7, wireless, wireline and network convergence applications

## TECHNICAL SPECIFICATIONS

### Multi-port T1/E1/J1 PMC

Form factor	PMC-PCI Mezzanine, IEEE P1386/ P1386.1 PMC front panel with cutouts for four shielded RJ-48 connectors, IEEE Std 1301-1991, IEEE Std 1101.1-1991
Protocol processor	Conexant CN8474A (MUSYCC) Channel framing, four each PMCSierra COMET, PM 4351
Physical protocols	T1, E1, or J1 are provided through RJ-48c (shielded) connectors 5V and 3.3V PCI signaling
Power requirements	3.3 VDC @ <800 mA
Operating	Temperature: -5 to 55°C (23 to 131°F) Humidity: 5 to 90% non-condensing
Storage	Temperature: -40 to 70°C (-40 to 158°F) Humidity: 0 to 95% non-condensing
Certifications	UL1950, Listed Accessory CISPR22 FCC Part 15 Class A CS003 FCC Part 68 DOC Canada CS03, EN50082-1, EN 55022, EN 41003
Drivers	Linux, FreeBSD, NetBSD

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